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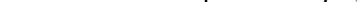
<p>Substitute for form 1449A/PTO</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center;">(use as many sheets as necessary)</p>				<p style="text-align: center;">Complete if Known</p>	
Sheet	1	of	2	Application Number	09/347,182
				Filing Date	07/02/1999
				First Named Inventor	Shallit, Steve J.
				Group Art Unit	2731
				Examiner Name	
				Attorney Docket Number	

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.*	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
Day	01	4,734,701		Grobert	03-29-1988	
Day	02	4,931,977		Klemes	06-05-1990	
Day	03	5,414,699		LPE	05-09-1995	
Day	04	5,471,647		Gerlach	11-28-1995	
Nay	05	5,515,378		Roy	05-07-1996	
Nay	06	5,524,581		De Bot	06-18-1996	
Nay	07	5,592,490		Barratt	01-07-1997	
Nay	08	5,634,199		Gerlach	05-27-1997	
Day	09	5,671,118		Liu	09-23-1997	
Day	10	5,796,779		Nussbaum	08-14-1998	
Day	11	5,828,654		Ottersten	10-27-1998	
Day	12	5,875,216		Martin	02-23-1999	
Nay	13	5,930,243		Parikh	07-27-1999	
Nay	14	5,973,642		Li	10-26-1999	
Nay	15	6,044,120		Bar-David	03-24-2000	
Nay	16	6,211,671		Shattil	04-03-2001	
Nay	17	6,004,760		Shattil	12-24-1999	
Nay	18	6,058,105		Hochwald	05-02-2000	

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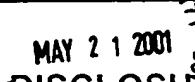
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Substitute for form 1449B/PTO				Complete if Known	
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	
<i>(use as many sheets as necessary)</i>				Filing Date	
				First Named Inventor	Chatil, Steve J.
				Group Art Unit	MI-1
				Examiner Name	Technology
				Attorney Docket Number	
Sheet	2	of	2		

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
(Jh)		WEERACKODY, "Diversity for the direct-sequence spread spectrum system using multiple transmit antennas" 1993 IEEE 5/23/93, pp 1775-9	
Pho		XU, "On the Performance of Multicarrier RAKE Systems," 1997 IEEE 3/11/97, pp 295-9	

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